



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

# PHILOSOPHICAL TRANSACTIONS.

---

For the Months of April, May and June, 1714.

---

## The C O N T E N T S.

- I. A New Method for making Logarithms, and vice versa, for finding the Number corresponding to a Logarithm given, by help of a small Table. Communicated by Mr. John Long, S. Theol. Bacc. and Fellow of Corp. Christi Coll. Oxon.
- II. An Extract of a Letter from Mr. Anthony van Leeuwenhoek, F. R. S. containing his Observations on the small Fibres of the Muscles in several Animals.
- III. An Extract from the Journal Literaire, &c. giving an Account of several Observations of the Texture of the Muscles, by Mr. Muys, Professor of Anatomy at Franequer.
- IV. An Extract of several Letters from Cotton Mather, D. D. F. R. S. to John Woodward, M. D. S. R. S. & Prof. Med. Gresh. and to Ric. Waller, Esq; S. R. Secr.
- V. A Letter from Emanuel Timone, Philos. & Med. D. in Univers. Oxon. & Patav. S. R. S. containing the Method of Inoculating the Small-Pox; practis'd with Success at Constantinople, &c.
- VI. Theoremata quædam infinitam Materiæ divisibilitatem spectantia, &c. A Johanne Keill, M. D. Astron. Profes. Savil. Oxon. & S R. S.

---

E R R A T A, in the *Philos. Transf.* Numb. 337.

P A G. So. lin. 3. lege Societatis à secretis. P. 88. l. 6. l. rotundo. P. 158. l. 25. l. suspicor, agnosciam. P. 159. l. 9. l. praefari. P. 285. l. 25. l. Legions P. 288. l. 1. instead of *NN* there should be a Ligature *NN*, with the last Line raised a little higher than the first.